## 1.8 Army Arsenals Capability Matrix

COMMODITY PRODUCT	Army .	Arsenals
PROCESS	ъ	***
TECHNOLOGY	R	W
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General Support Equipment		
Accessories and Components		
Fabrication/Repair		
CAD/CAM - CNC & NC Programming	X	X
CAD/CAM - Drilling/Lathe/Punch	X	X
CAD/CAM - Engineering Analysis	X	X
CAD/CAM - Engineering Design/Drawings		X
CAD/CAM - Forming/Machining/Milling	X	X
CNC Forming/Machining/Milling	X	X
Cutting - Oxyfuel	X	X
Cutting - Plasma	X	X
Cutting - Water Jet	X	X
Electrical Discharge Machining	X	X
Extrude Honing	X	X
Heat Treating	X	X
Laser Marking Parts	X	X
Metal Finishing	X	X
Titanium Nitride Coating	X	X
Welding - Arc	X	X
Welding - Plasma	X	X
Welding - TIG, MIG	X	X
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COMMODITY		Army Ar	senals
PRODUCT		•	
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	TECHNOLOGY	R	W
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Company Company Equipment			
General Support Equipment			
Accessories a	nd Components		
7 iccessories di	id Components		
Test a	nd Inspection		
	Calibration	X	X
	Magnetic Particle	X	X
	Radiography - X-Ray	X	X
	X-Ray - Film	X	X
Ordnance			
Accessories ar	nd Components		
Classi	a a (Stain ain a		
Cleani	ng/Stripping Abrasive Flow	X	
	Agricultural Media Blast	Λ	X
	Glass Media Blast	X	X
	Grit Blast	X	X
	Hazardous Chemicals	X	X
	Plastic Media Blast	X	_
	Sand Blast	X	X
	Steam	X	-
	Ultrasonic	X	_
	Vapor Degreaser	X	_
	Vibratory Finishing	X	X
	Water Jet	X	-
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COMMODITY PRODUCT	Army A	rsenals
PROCESS		
TECHNOLOGY	R O C K	W A T E R
	I S L A N D	V L I E T
Ordnance	D	
Accessories and Components		
Fabrication/Repair		
CAD/CAM - CNC & NC Programming	X	X
CAD/CAM - Drilling/Lathe/Punch	X	X
CAD/CAM - Engineering Analysis	X	X
CAD/CAM - Engineering Design/Drawings	X	X
CAD/CAM - Forming/Machining/Milling	X	X
CAD/CAM - Sheetmetal	X	X
CAD/CAM - Vertical Internal Grinder	X	-
CARC Painting	X	X
Chemical Forming/Machining/Milling	X	-
Class 100,000 Clean Room	X	-
CNC Forming/Machining/Milling	X	X
CNC Forming/Machining/Milling-7 Axis Center CNC Forming/Machining/Milling - Electrical Discharge	X	-
Machining (EDM)	X	-
Cutting - Oxyfuel	X	X
Cutting - Plasma	X	X
Cutting - Water Jet	X	X
Electrical Discharge Machining	X	X
Extrude Honing	-	X
EProm/Prom Programming	X	-
Flame Spray	X	X
Flexible Machining Cell	X	-
Forging - 16,000 LB Drop Hammer	X	-

COMMODITY	Army Arsenals
PRODUCT	
PROCESS TECHNOLOGY	R W O A C T K E R I V S L L I A E N T
Ordnance	D
Accessories and Components	
Fabrication/Repair	
Forging - Aluminum	X -
Forging - Diesinking	X -
Forging - High Allow Steel	X -
Forging - Impression Die, Open Die, Hand Forge	X -
Forging - Mechanical Upset	X -
Foundry - Aluminum	X -
Foundry - Armor Steel Castings	X -
Foundry - Austempered Ductile Iron	X -
Foundry - Ferrous	X -
Foundry - High Allow Steel Casting	X -
Foundry - Laminated Object Manufacturing	X -
Foundry - Non-ferrous	X -
Foundry - Patternmaking	X -
Foundry - Stainless Steel	X -
Gage Manufacture/Repair - Field and Laboratory Ga	nges - X
Gage Manufacture/Repair - Functional Gages	X -
Gage Manufacture/Repair - Small Arms Gages	X -
Gear Cutting - Bevel Gear Manufacturing	X -
Gear Cutting - Hobbing	X -
Gear Cutting - Shaping	X -
Heat Treating	X X
Heat Treating - Annealing	X -
Heat Treating - Carbon Restoration	X -
Trom Trommig Curoon Restoration	11

COMMODITY PRODUCT		Army	Arsenals
PROC	FSS.		
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Ordnance			
Accessories an	nd Components		
Fabrica	ation/Repair		
	Heat Treating - Carburizing	X	-
	Heat Treating - Gas Nitration	X	-
	Heat Treating - Hardening	X	-
	Heat Treating - Tempering	X	-
	Investment Casting - Aluminum	X	-
	Investment Casting - Armor Steel	X	-
	Investment Casting - High Allow Steel	X	-
	Investment Casting - Stainless Steel	X	-
	Laser Marking Parts	X	X
	Laser Punch	X	-
	Metal Finishing	X	X
	Metrological	X	-
	Optics	X	-
	Phosandodize	X	-
	Plastic Injection	X	-
	Plating - Anodizing	X	X
	Plating - Cadmium	X	-
	Plating - Chromate	X	-
	Plating - Chromium	X	X
	Plating - Copper	X	-
	Plating - Black Oxide	X	-
	Plating - Manganese Phosphate	X	-
	Plating - Nickel	X	-

COMMODITY		Army .	Arsenals
PRODUCT			
PROCESS		_	
TECHNOLOG	SY	R O C K I S L	W A T E R V L
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		D	
Ordnance			
Accessories and Components			
Fabrication/Repair			
Plating - Tin/L	ead	X	X
Plating - Zinc l		X	_
	Cleaning System	X	_
Robotic CARO		X	_
Robotic Metali	<del>-</del>	X	_
Robotic Metal	<del>-</del>	X	_
Robotic Paintin		X	_
Robotic Weldi	-	X	_
Rotary Forging	<del>-</del>	_	X
Rubber Produc		X	_
Test Program S	Sets	X	_
Titanium Nitri		_	X
Tool and Die	C	X	_
Welding - Arc		X	X
Welding - Cert	ified Ballistic	X	_
Welding - Dab		X	_
Welding - Elec		X	_
	ible Welding System	X	_
Welding - Iner		X	_
Welding - Lase		X	-
Welding - Orb		X	-
Welding - Plas		X	-
Welding - Sub		X	-

COMMODITY PRODUCT	Army A	Arsenals
PROCESS		
TECHNOLOGY	R O	W
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Ordnance		
Accessories and Components		
Fabrication/Repair		
Welding - TIG, MIG	X	X
Test and Inspection		
Calibration	X	X
Chemical Analysis - Alloy Identification	X	-
Chemical Analysis - Coating Identification	X	_
Chemical Analysis - Hazardous Waste	X	_
Chemical Analysis - Oil Analysis	X	_
Chemical Analysis - Organic Materials	X	_
Chemical Analysis - Product Check Analysis	X	_
Chemical Analysis - RCRA Metals-TCLP	X	_
Chemical Analysis - Water Identification	X	_
Coordinate Measuring	X	_
Eddy Current	X	_
Electronic ATE - Analog	X	_
Electronic ATE - Digital	X	_
Electronic ATE - DitMco	X	_
Electronic ATE - GenRad	X	_
Electron Microscope	X	X
Environmental Chamber	X	_
Fluorescent Penetrant - Automated	X	_
Fluorescent Penetrant - Manual	X	X
Fiber Optics	X	-
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COMMODITY	Army	Arsenals
PRODUCT		
PROCESS		
TECHNOLOGY	R O C K	W A T E R
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Ordnance		
Accessories and Components		
Test and Inspection		
Gymnasticator	X	-
Hydraulic Systems	X	-
Instrumentation Capabilities-Atomic Absorption Spectromet	er X	-
Instrumentation Capabilities-Carbon/Sulfur Analysis	X	-
Instrumentation Capabilities-Fourier Transform Infrared	X	-
Instrumentation Capabilities-Gas Analyzers	X	-
Instrumentation Capabilities-Gas Chromatography	X	-
Instrumentation Capabilities-Hose Burst Testers	X	-
Instrumentation Capabilities-Humidity Chambers	X	-
Instrumentation Capabilities-Ion Ghromatography	X	-
Instrumentation Capabilities-Liquid Scintillation Counters	X	-
Instrumentation Capabilities-Metal Graphs	X	-
Instrumentation Capabilities-Optical Emission Spectrometer	X	-
Instrumentation Capabilities-Ozone Chamber	X	-
Instrumentation Capabilities-Pour Point Apparatus	X	-
Instrumentation Capabilities-Salt Spray Cabinet	X	-
Instrumentation Capabilities-Invisible Spectrometer	X	-
Instrumentation Capabilities-Viscometers	X	-
Instrumentation Capabilities-Wear Testers	X	-
Instrumentation Capabilities-Weld Bend Tester	X	-
Laser Measurement	X	-
Magnetic Particle	X	X

COMMODITY		Army	Arsenals
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Ordnance			
Accessories an	d Components		
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Test an	d Inspection	**	
	Mechanical/Metallurgical - Case Depth	X	-
	Mechanical/Metallurgical - Failure Analysis	X	-
	Mechanical/Metallurgical - Fatigue Testing	X	-
	Mechanical/Metallurgical - Harness	X	-
	Mechanical/Metallurgical - Impact Toughness	X	-
	Mechanical/Metallurgical - Lo/Hi Temperature Properties	X	-
	Mechanical/Metallurgical - Tensile/Compression	X	-
	Non-Destructive Testing - Level III Technicians	X	-
	Non-Destructive Testing - Level III Procedure Approval	X	-
	Non-Destructive Testing - Liquid Penetrant Test	X	-
	Non-Destructive Testing - Ultrasonic Testing	X	-
	Radiography - Gamma	X	-
	Radiography - Neutron	X	-
	Radiography - X-Ray	X	X
	Radiological - Flow Proportional Counting	X	-
	Radiological - Health Physics	X	-
	Radiological - Liquid Scintillation Counting	X	-
	Radiological - Sealed Source Leak Testing	X	-
	Radiological - Swipe Testing, Alpha, Beta, Isotopes	X	-
	Spectrographic Analysis	X	-
	Stress	X	-
	Test and Measurement Equipment Calibration	X	-
	Test Tank	X	-

COMMODITY		Army A	Arsenals
PROI			
	PROCESS	ъ.	***
	TECHNOLOGY	O C K I S L	W A T E R V L I E
Ordnance		D	
Ordinance			
Acces	ssories and Components		
	Test and Inspection		
	Test Track	X	-
	Test Slope	X	-
	Type II Laboratory	X	-
	Ultrasonic - Automated	X	-
	Ultrasonic - Manual	X	X
	Video Inspection Probe	X	-
	Vibration Testing	X	_
	Weapons Testing - Horizontal Simulators	X	_
	Weapons Testing - Multiple Angle Simulators	X	_
	X-Ray - Film		X
	X-Ray - Real Time	X	-
Conve	entional Arms & Explosives		
	Cleaning/Stripping		
	Abrasive Flow	X	_
	Glass Media Blast	X	_
	Grit Blast	X	_
	Hazardous Chemicals	X	_
	Plastic Media Blast	X	_
	Sand Blast	X	_
	Steam	X	_
	Ultrasonic	X	_
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COMMODITY	Army A	Arsenals
PRODUCT		
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Ordnance		
Conventional Arms & Explosives		
Cleaning/Stripping		
Vapor Degreaser	X	-
Vibratory Finishing	X	-
Water Jet	X	-
Fabrication/Repair		
CAD/CAM - CNC & NC Programming	X	_
CAD/CAM - Drilling/Lathe/Punch	X	_
CAD/CAM - Engineering Analysis	X	_
CAD/CAM - Engineering Design/Drawings	X	_
CAD/CAM - Forming/Machining/Milling	X	_
CAD/CAM - Printed Circuit Board	X	_
CAD/CAM - Sheetmetal	X	-
CAD/CAM - Vertical Internal Grinder	X	-
Chemical Forming/Machining/Milling	X	-
Class 100,000 Clean Room	X	-
CNC Forming/Machining/Milling	X	-
CNC Forming/Machining/Milling - 7 Axis Machining Center	·X	_
CNC Forming/Machining/Milling - Electrical Discharge		
Machining (EDM)	X	-
Cutting - Plasma	X	-
Cutting - Oxyfuel	X	-
EProm/Prom Programming	X	-
Flexible Machining Cell	X	-

COMMODITY		Arm	y Arsenals
PRODUCT			
PROCESS			
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Ordnance			
Conventional Arms &	Explosives		
Fabrication/Rep	pair		
Forging	- 16,000 LB Drop Hammer	X	-
	- Aluminum	X	-
	- Diesinking	X	-
	- High Allow Steel	X	-
	- Impression Die, Open Die, Hand Forge	X	-
	- Mechanical Upset	X	-
<u> </u>	7 - Aluminum	X	-
•	- Armor Steel Castings	X	-
	- Austempered Ductile Iron	X	-
	7 - Ferrous	X	-
<u> </u>	- High Allow Steel Casting	X	-
<u> </u>	- Laminated Object Manufacturing	X	-
•	7 - Non-ferrous	X	-
<u> </u>	7 - Patternmaking	X	-
<u> </u>	y - Stainless Steel	X	-
<del>_</del>	anufacture/Repair - Field and Laboratory Gages	X	-
	anufacture/Repair - Functional Gages	X	-
	anufacture/Repair - Small Arms Gages	X	-
	ntting - Bevel Gear Manufacturing	X	-
	itting - Hobbing	X	-
	utting - Shaping	X	-
	eating - Annealing	X	-
Heat Tr	eating - Carbon Restoration	X	-

COMMODITY		Army	Arsenals
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Ordnance		D	
Conventional	Arms & Explosives		
Fabrica	ation/Repair		
	Heat Treating - Carburizing	X	-
	Heat Treating - Gas Nitration	X	-
	Heat Treating - Hardening	X	-
	Heat Treating - Tempering	X	-
	Investment Casting - Aluminum	X	-
	Investment Casting - Armor Steel	X	-
	Investment Casting - High Allow Steel	X	-
	Investment Casting - Stainless Steel	X	-
	Laser Punch	X	-
	Metal Finishing	X	-
	Metrological	X	-
	Optics	X	-
	Phosandodize	X	-
	Plastic Injection	X	-
	Plating - Anodizing	X	X
	Plating - Cadmium	X	-
	Plating - Chromate	X	-
	Plating - Chromium	X	X
	Plating - Copper	X	-
	Plating - Black Oxide	X	-
	Plating - Manganese Phosphate	X	-
	Plating - Nickel	X	-
	Plating - Tin/Lead	X	X

COMMODITY	Arm	y Arsenals
PRODUCT		
PROCESS	ъ	***
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Ordnance	D	
Conventional Arms & Explosives		
Fabrication/Repair		
Plating - Zinc Phosphate	X	_
Robotic Auto Cleaning System	X	_
Robotic CARC Painting	X	_
Robotic Metalizing	X	_
Robotic Metal Spray	X	_
Robotic Painting	X	_
Robotic Welding	X	_
Rubber Products	X	_
Spring Manufacture - Belleville	X	_
Spring Manufacture - Compression	X	_
Spring Manufacture - Extension	X	-
Spring Manufacture - Flat	X	-
Spring Manufacture - Involute	X	-
Test Program Sets	X	-
Tool and Die	X	-
Welding - Arc	X	-
Welding - Certified Ballistic	X	-
Welding - Dabber TIG	X	-
Welding - Electron Beam	X	-
Welding - Flexible Welding System	X	-
Welding - Inertia	X	-
Welding - Laser	X	-
Welding - Orbital Welding	X	-

COMMODITY	Arm	y Arsenals
PRODUCT		
PROCESS		
TECHNOLOGY	R	W
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Ordnance		
Conventional Arms & Explosives		
Fabrication/Repair		
Welding - Plasma	X	_
Welding - TIG, MIG	X	_
Welding - Submerged Arc	X	-
Test and Inspection		
Calibration	X	_
Chemical Analysis - Alloy Identification	X	_
Chemical Analysis - Coating Identification	X	_
Chemical Analysis - Coating Identification  Chemical Analysis - Hazardous Waste	X	_
Chemical Analysis - Oil Analysis	X	_
Chemical Analysis - Organic Materials	X	_
Chemical Analysis - Organic Materials  Chemical Analysis - Product Check Analysis	X	_
Chemical Analysis - RCRA Metals-TCLP	X	_
Chemical Analysis - Water Identification	X	_
Coordinate Measuring	X	_
Eddy Current	X	_
Electronic ATE - Analog	X	_
the control of the co	X	-
Electronic ATE - Digital Electronic ATE - DitMco	X	-
Electronic ATE - Ditwico Electronic ATE - GenRad		-
	X	-
Electron Microscope	X	-
Environmental Chamber	X	-
Fluorescent Penetrant - Automated	X	-

COMMODITY	Arm	y Arsenals
PRODUCT		
PROCESS	70	***
TECHNOLOGY	R O C K	W A T E R
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Ordnance		
Conventional Arms & Explosives		
Test and Inspection		
Fluorescent Penetrant - Manual	X	_
Fiber Optics	X	_
Gymnasticator	X	_
Hydraulic Systems	X	-
Instrumentation Capabilities - Atomic Absorptio	n	
Spectrometer	X	-
Instrumentation Capabilities-Carbon/Sulfur Anal	lysis X	-
Instrumentation Capabilities-Fourier Transform	Infrared X	-
Instrumentation Capabilities-Gas Analyzers	X	-
Instrumentation Capabilities-Gas Chromatograph	hy X	-
Instrumentation Capabilities-Hose Burst Testers	X	-
Instrumentation Capabilities-Humidity Chamber	rs X	-
Instrumentation Capabilities-Ion Chromatograph	ny X	-
Instrumentation Capabilities-Liquid Scintillation	Counters X	-
Instrumentation Capabilities-Metal Graphs	X	-
Instrumentation Capabilities-Optical Emission Spe	ectrometer X	-
Instrumentation Capabilities-Ozone Chamber	X	-
Instrumentation Capabilities-Pour Point Apparat	us X	-
Instrumentation Capabilities-Salt Spray Cabinet	X	-
Instrumentation Capabilities-Invisible Spectrome	eter X	-
Instrumentation Capabilities-Viscometers	X	-
Instrumentation Capabilities-Wear Testers	X	-
Instrumentation Capabilities-Weld Bend Tester	X	-

COMMODITY		Army	Arsenals
PRODUCT			
PROCESS			
TECHNOI	LOGY	R O C K	W A T E R
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Ordnance			
Conventional Arms & Exp			
Test and Inspection			
Laser Mea		X	-
Magnetic I		X	-
	l/Metallurgical - Case Depth	X	-
	l/Metallurgical - Failure Analysis	X	-
	l/Metallurgical - Fatigue Testing	X	-
	l/Metallurgical - Harness	X	-
	l/Metallurgical - Impact Toughness	X	-
	l/Metallurgical - Lo/Hi Temperature Properties	X	-
	l/Metallurgical - Tensile/Compression	X	-
	active Testing - Level III Technicians	X	-
	active Testing - Level III Procedure Approval	X	-
	active Testing - Liquid Penetrant Test	X	-
	active Testing - Ultrasonic Testing	X	-
	ny - Gamma	X	-
<u> </u>	ny - Neutron	X	-
	al - Flow Proportional Counting	X	-
	al - Health Physics	X	-
	al - Liquid Scintillation Counting	X	-
<u> </u>	al - Sealed Source Leak Testing	X	-
<u> </u>	al - Swipe Testing, Alpha, Beta, Isotopes	X	-
	phic Analysis	X	-
Stress		X	-
Test and M	leasurement Equipment Calibration	X	-

COMMODI		Arm	y Arsenals
F	PRODUCT		
	PROCESS TECHNOLOGY	R O C K I S L A N D	W A T E R V L I E
Ordnance		D	
(	Conventional Arms & Explosives		
	Test Tank Test Track Test Slope Type II Laboratory Ultrasonic - Automated Ultrasonic - Manual Video Inspection Probe Weapons Testing - Horizontal Simulators Weapons Testing - Multiple Angle Simulators Vibration Testing X-Ray - Film X-Ray - Real Time	X X X X X X X X X X X	- - - - - - - - -
(	Guns and Artillery		
	Cleaning/Stripping Abrasive Flow Glass Media Blast Grit Blast Hazardous Chemicals Plastic Media Blast Sand Blast Steam	X X X X X X	- X X X - X

COMMODITY		Army A	Arsenals
PRODUCT			
PROCESS TECHNOLOGY		K I S L A	W A T E R V L I E T
D Ordnance			
Guns and Artillery			
Cleaning/Stripping			
Ultrasonic Vapor Degreaser		X X	-
Vibratory Finishing		X	_
Water Jet		X	-
Fabrication/Repair			
CAD/CAM - CNC & NC Prog	gramming	X	X
CAD/CAM - Drilling/Lathe/Po	unch	X	X
CAD/CAM - Engineering Ana	llysis	X	X
CAD/CAM - Engineering Des	ign/Drawings	X	X
CAD/CAM - Forming/Machin	ing/Milling	X	X
CAD/CAM - Sheetmetal		X	-
CAD/CAM - Vertical Internal	Grinder	X	X
Ceramics		-	X
Chemical Forming/Machining	/Milling	X	-
Class 100,000 Clean Room		X	-
CNC Forming/Machining/Mill	ling	X	X
CNC Forming/Machining/Mill CNC Forming/Machining/Mill		X	-
Machining (EDM)		X	-
Cutting - Oxyfuel		X	X
Cutting - Plasma	,	X	X

COMMODITY		Army	Arsenals
PRODUCT	Dag.		
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Ordnance			
Guns and Arti	llery		
Fabric	ation/Repair		
	Cutting - Water Jet	X	X
	EProm/Prom Programming	X	_
	Flame Spray	X	X
	Flexible Machining Cell	X	X
	Forging - 16,000 LB Drop Hammer	X	-
	Forging - Aluminum	X	-
	Forging - Diesinking	X	-
	Forging - High Allow Steel	X	-
	Forging - Impression Die, Open Die, Hand Forge	X	-
	Forging - Mechanical Upset	X	-
	Foundry - Aluminum	X	-
	Foundry - Armor Steel Castings	X	-
	Foundry - Austempered Ductile Iron	X	-
	Foundry - Ferrous	X	-
	Foundry - High Allow Steel Casting	X	-
	Foundry - Laminated Object Manufacturing	X	-
	Foundry - Non-ferrous	X	-
	Foundry - Patternmaking	X	-
	Foundry - Stainless Steel	X	-
	Gage Manufacture/Repair - Field and Laboratory Gages	X	-
	Gage Manufacture/Repair - Functional Gages	X	-
	Gage Manufacture/Repair - Small Arms Gages	X	-
	Gear Cutting - Bevel Gear Manufacturing	X	-

COMMODITY		Arm	y Arsenals
PRODUCT PRO	TESS		
TROC	TECHNOLOGY	R O C K I S	W A T E R V L
		L A N D	I E T
Ordnance			
Guns and Art	illery		
Fabric	cation/Repair		
	Gear Cutting - Hobbing	X	-
	Gear Cutting - Shaping	X	-
	Heat Treating - Annealing	X	-
	Heat Treating - Carbon Restoration	X	-
	Heat Treating - Carburizing	X	-
	Heat Treating - Gas Nitration	X	-
	Heat Treating - Hardening	X	-
	Heat Treating - Tempering	X	-
	Investment Casting - Aluminum	X	-
	Investment Casting - Armor Steel	X	-
	Investment Casting - High Allow Steel	X	-
	Investment Casting - Stainless Steel	X	-
	Laser Marking Parts	X	X
	Laser Punch	X	-
	Metal Finishing	X	-
	Metrological	X	-
	Optics	X	-
	Phosandodize	X	-
	Plastic Injection	X	-
	Plating - Anodizing	X	X
	Plating - Cadmium	X	-
	Plating - Chromate	X	-
	Plating - Chromium	X	X

COMMODITY		Arm	y Arsenals
PRODUCT	NT-0.0		
PROC	TECHNOLOGY	R O C K I S L A	W A T E R V L I E
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Ordnance			
Guns and Arti	illery		
Fabric	eation/Repair		
	Plating - Copper	X	-
	Plating - Black Oxide	X	-
	Plating - Manganese Phosphate	X	-
	Plating - Nickel	X	-
	Plating - Tin/Lead	X	X
	Plating - Zinc Phosphate	X	-
	Robotic Auto Cleaning System	X	-
	Robotic CARC Painting	X	-
	Robotic Metalizing	X	-
	Robotic Metal Spray	X	-
	Robotic Painting	X	-
	Robotic Welding	X	-
	Rubber Products	X	-
	Spring Manufacture - Belleville	X	-
	Spring Manufacture - Compression	X	-
	Spring Manufacture - Extension	X	-
	Spring Manufacture - Flat	X	-
	Spring Manufacture - Involute	X	-
	Test Program Sets	X	-
	Tool and Die	X	X
	Welding - Arc	X	X
	Welding - Certified Ballistic	X	-

COMMODITY PRODUCT	Arm	y Arsenals
PROCESS		
TECHNOLOGY	R	W
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Ordnance	D	
Ordinance		
Guns and Artillery		
Fabrication/Repair		
Welding - Dabber TIG	X	_
Welding - Electron Beam	X	_
Welding - Flexible Welding System	X	_
Welding - Inertia	X	_
Welding - Laser	X	_
Welding - Orbital Welding	X	_
Welding - Plasma	X	X
Welding - Submerged Arc	X	_
Welding - TIG, MIG	X	X
Test and Inspection		
Test and Inspection Air/Fuel Flow		X
Calibration	X	X
	X	Λ
Chemical Analysis - Alloy Identification	X	-
Chemical Analysis - Coating Identification	X X	-
Chemical Analysis - Hazardous Waste		-
Chemical Analysis - Oil Analysis	X	-
Chemical Analysis - Organic Materials	X	-
Chemical Analysis - Product Check Analysis	X	-
Chemical Analysis - RCRA Metals-TCLP	X	-
Chemical Analysis - Water Identification	X	-
Coordinate Measuring	X	-

COMMODITY PRODUCT		Army	Arsenals
PROCES	S		
	ECHNOLOGY	R O C K	W A T E
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Ordnance			
Guns and Artiller	у		
Test and I	Inspection		
	ldy Current	X	-
	ectronic ATE - Analog	X	-
El	ectronic ATE - Digital	X	-
Ele	ectronic ATE - Ditmco	X	-
Ele	ectronic ATE - GenRad	X	-
Ele	ectron Microscope	X	X
En	nvironmental Testing	X	-
Flo	uorescent Penetrant - Automated	X	-
Fl	uorescent Penetrant - Manual	X	X
Fil	ber Optics	X	-
G	ymnasticator	X	-
	ydraulic Systems	X	X
	strumentation Capabilities - Atomic Absorption Spectrometer	X	
	strumentation Capabilities-Carbon/Sulfur Analysis	X	_
	strumentation Capabilities-Fourier Transform Infrared	X	_
	strumentation Capabilities-Gas Analyzers	X	_
	strumentation Capabilities-Gas Phiaryzers strumentation Capabilities-Gas Chromatography	X	_
	strumentation Capabilities-Hose Burst Testers	X	_
	strumentation Capabilities-Humidity Chambers	X	_
	strumentation Capabilities-Ion Chromatography	X	_
	strumentation Capabilities-Liquid Scintillation Counters	X	_
	strumentation Capabilities-Metal Graphs	X	_
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COMMODITY	Arm	y Arsenals
PRODUCT		
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Ordnance		
Guns and Artillery		
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Test and Inspection		
Instrumentation Capabilities-Optical Emission Spectrometer	X	-
Instrumentation Capabilities-Ozone Chamber	X	-
Instrumentation Capabilities-Pour Point Apparatus	X	-
Instrumentation Capabilities-Salt Spray Cabinet	X	-
Instrumentation Capabilities-Invisible Spectrometer	X	-
Instrumentation Capabilities-Viscometers	X	-
Instrumentation Capabilities-Wear Testers	X	-
Instrumentation Capabilities-Weld Bend Tester	X	-
Laser Measurement	X	-
Magnetic Particle	X	X
Mechanical/Metallurgical - Case Depth	X	-
Mechanical/Metallurgical - Failure Analysis	X	-
Mechanical/Metallurgical - Fatigue Testing	X	-
Mechanical/Metallurgical - Harness	X	-
Mechanical/Metallurgical - Impact Toughness	X	-
Mechanical/Metallurgical - Lo/Hi Temperature Properties	X	-
Mechanical/Metallurgical - Tensile/Compression	X	-
Non-Destructive Testing - Level III Technicians	X	-
Non-Destructive Testing - Level III Procedure Approval	X	-
Non-Destructive Testing - Liquid Penetrant Test	X	-
Non-Destructive Testing - Ultrasonic Testing	X	-
Radiography - Gamma	X	-
Radiography - Neutron	X	-

COMMODITY	Arm	y Arsenals
PRODUCT		
PROCESS TECHNOLOGY	R O C K	W A T E R
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Ordnance		
Guns and Artillery		
Test and Inspection		
Radiography - X-Ray	X	X
Radiological - Flow Proportional Counting	X	-
Radiological - Health Physics	X	-
Radiological - Liquid Scintillation Counting	X	-
Radiological - Sealed Source Leak Testing	X	-
Radiological - Swipe Testing, Alpha, Beta, Isotopes	X	-
Spectrographic Analysis	X	-
Stress	X	X
Test and Measurement Equipment Testing	X	-
Test Tank	X	-
Test Track	X	-
Test Slope	X	-
Type II Laboratory	X	-
Ultrasonic - Automated	X	-
Ultrasonic - Manual	X	$\mathbf{X}$
Vibration Testing	X	-
Video Inspection Probe	X	X
Weapons Testing - Horizontal Simulators	X	-
Weapons Testing - Multiple Angle Simulators	X	-
X-Ray - Film	X	X
X-Ray - Real Time	X	-

COMMODITY		Army Aı	senals
PRODUCT			
PROC	ESS		
	TECHNOLOGY	R V O A C T K E	
		I N S L L I A E N T	
Ordnance		D	
Small Arms			
Cleani	ng/Stripping		
	Abrasive Flow	Х -	
	Glass Media Blast	Х -	
	Grit Blast	Х -	
	Hazardous Chemicals	Х -	
	Plastic Media Blast	Х -	
	Sand Blast	Х -	
	Steam	Х -	
	Ultrasonic	X -	
	Vapor Degreaser	X -	
	Vibratory Finishing	X -	
	Water Jet	X -	
Fabric	ation/Repair		
	CAD/CAM - CNC & NC Programming	X -	
	CAD/CAM - Drilling/Lathe/Punch	X -	
	CAD/CAM - Engineering Analysis	X -	
	CAD/CAM - Engineering Design/Drawings	X -	
	CAD/CAM - Forming/Machining/Milling	X -	
	CAD/CAM - Printed Circuit Board	X -	
	CAD/CAM - Timed Chedit Board CAD/CAM - Sheetmetal	37	
	CAD/CAM - Sneetinetal CAD/CAM - Vertical Internal Grinder	X - X -	
	Chemical Forming/Machining/Milling	Х - Х -	
	Class 100,000 Clean Room	3.7	
	Class 100,000 Clean Roolli	Χ -	

COMMODITY	Arr	ny Arsenals
PRODUCT		
PROCESS	D	***
TECHNOLOGY	R	W
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Ordnance	D	
Ordinance		
Small Arms		
Fabrication/Repair		
CNC Forming/Machining/Milling - 7 Axis	Machining Center X	-
CNC Forming/Machining/Milling - Electric	_	
Machining (EDM)	X	-
Cutting - Plasma	X	-
Cutting - Oxyfuel	X	-
EProm/Prom Programming	X	-
Flexible Machining Cell	X	-
Forging - 16,000 LB Drop Hammer	X	-
Forging - Aluminum	X	-
Forging - Diesinking	X	-
Forging - High Allow Steel	X	-
Forging - Impression Die, Open Die, Hand	_	-
Forging - Mechanical Upset	X	-
Foundry - Aluminum	X	-
Foundry - Armor Steel Castings	X	-
Foundry - Austempered Ductile Iron	X	-
Foundry - Ferrous	X	-
Foundry - High Allow Steel Casting	X	-
Foundry - Laminated Object Manufacturing		-
Foundry - Non-ferrous	X	-
Foundry - Patternmaking	X	-
Foundry - Stainless Steel	X	-
Gage Manufacture/Repair - Field and Labo	oratory Gages X	-

COMMODITY		Arm	y Arsenals
PRODUCT PRO	CECC		
FRO	TECHNOLOGY	R O C K	W A T E R V
		S L	L I
Ordnance		A N D	E T
Small Arms			
Fabri	cation/Repair		
	Gage Manufacture/Repair - Functional Gages	X	-
	Gage Manufacture/Repair - Small Arms Gages	X	-
	Gear Cutting - Bevel Gear Manufacturing	X	-
	Gear Cutting - Hobbing	X	-
	Gear Cutting - Shaping	X	-
	Heat Treating - Annealing	X	-
	Heat Treating - Carbon Restoration	X	-
	Heat Treating - Carburizing	X	-
	Heat Treating - Gas Nitration	X	-
	Heat Treating - Hardening	X	-
	Heat Treating - Tempering	X	-
	Investment Casting - Aluminum	X	-
	Investment Casting - Armor Steel	X	-
	Investment Casting - High Allow Steel	X	-
	Investment Casting - Stainless Steel	X	-
	Laser Punch	X	-
	Metal Finishing	X	-
	Metrological	X	-
	Optics	X	-
	Phosandodize	X	-
	Plastic Injection	X	-
	Plating - Anodizing	X	X
	Plating - Cadmium	X	-

R O C K I S	W A T E R
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COMMODITY		Arm	y Arsenals
PRODUCT			
PROC			
	TECHNOLOGY	R O C K	W A T E R
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Ordnance			
Small Arms			
Fabrio	eation/Repair		
Tuoric	Welding - Certified Ballistic	X	_
	Welding - Dabber TIG	X	_
	Welding - Electron Beam	X	_
	Welding - Flexible Welding System	X	_
	Welding - Inertia	X	_
	Welding - Laser	X	_
	Welding - Orbital Welding	X	_
	Welding - Plasma	X	_
	Welding - Submerged Arc	X	_
	Welding - TIG, MIG	X	_
	Tro, Mro	11	
Test a	nd Inspection		
	Calibration	X	_
	Chemical Analysis - Alloy Identification	X	-
	Chemical Analysis - Coating Identification	X	-
	Chemical Analysis - Hazardous Waste	X	_
	Chemical Analysis - Oil Analysis	X	-
	Chemical Analysis - Organic Materials	X	-
	Chemical Analysis - Product Check Analysis	X	-
	Chemical Analysis - RCRA Metals-TCLP	X	-
	Chemical Analysis - Water Identification	X	-
	Coordinate Measuring	X	-
	Eddy Current	X	-

COMMODITY		Army	Arsenals
PRODUCT	TEGG		
PROC	TECHNOLOGY	R O C K I S L A	W A T E R V L I E T
Ordnance		D	
Small Arms			
Test a	nd Inspection		
	Electronic ATE - Analog	X	-
	Electronic ATE - Digital	X	_
	Electronic ATE - DitMco	X	-
	Electronic ATE - GenRad	X	-
	Electron Microscope	X	_
	Environmental Chamber	X	-
	Fluorescent Penetrant - Automated	X	-
	Fluorescent Penetrant - Manual	X	_
	Fiber Optics	X	-
	Gymnasticator	X	_
	Hydraulic Systems	X	_
	Instrumentation Capabilities - Atomic Absorption		
	Spectrometer	X	-
	Instrumentation Capabilities-Carbon/Sulfur Analysis	X	_
	Instrumentation Capabilities-Fourier Transform Infrared	X	_
	Instrumentation Capabilities-Gas Analyzers	X	_
	Instrumentation Capabilities-Gas Chromatography	X	_
	Instrumentation Capabilities-Hose Burst Testers	X	_
	Instrumentation Capabilities-Humidity Chambers	X	_
	Instrumentation Capabilities-Ion Chromatography	X	_
	Instrumentation Capabilities-Liquid Scintillation Counters	X	_
	Instrumentation Capabilities-Metal Graphs	X	_
	Instrumentation Capabilities-Optical Emission Spectrometer	X	-

COMMODITY		Army	Arsenals
PRODUCT			
PROC			
	TECHNOLOGY	R O C K	W A T E R V
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Ordnance			
Small Arms			
Test a	and Inspection		
1080 0	Instrumentation Capabilities-Ozone Chamber	X	_
	Instrumentation Capabilities-Pour Point Apparatus	X	_
	Instrumentation Capabilities-Salt Spray Cabinet	X	_
	Instrumentation Capabilities-Invisible Spectrometer	X	_
	Instrumentation Capabilities-Viscometers	X	_
	Instrumentation Capabilities-Wear Testers	X	_
	Instrumentation Capabilities-Weld Bend Tester	X	_
	Laser Measurement	X	_
	Magnetic Particle	X	_
	Mechanical/Metallurgical - Case Depth	X	_
	Mechanical/Metallurgical - Failure Analysis	X	_
	Mechanical/Metallurgical - Fatigue Testing	X	_
	Mechanical/Metallurgical - Harness	X	_
	Mechanical/Metallurgical - Impact Toughness	X	_
	Mechanical/Metallurgical - Lo/Hi Temperature Properties	X	_
	Mechanical/Metallurgical - Tensile/Compression	X	_
	Non-Destructive Testing - Level III Technicians	X	_
	Non-Destructive Testing - Level III Procedure Approval	X	_
	Non-Destructive Testing - Liquid Penetrant Test	X	_
	Non-Destructive Testing - Ultrasonic Testing	X	_
	Radiography - Gamma	X	_
	Radiography - Neutron	X	_
	Radiological - Flow Proportional Counting	X	_
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COMMODITY		Army A	Arsenals
PRODUCT			
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Ordnance			
Small Arms			
Sman Arms			
Test and Inspection			
Radiological - Health	n Physics	X	-
Radiological - Liquio	l Scintillation Counting	X	-
Radiological - Sealed	l Source Leak Testing	X	-
Radiological - Swipe	Testing, Alpha, Beta, Isotopes	X	-
Spectrographic Anal	ysis	X	-
Stress		X	-
Test and Measureme	nt Equipment Calibration	X	-
Test Tank		X	-
Test Track		X	-
Test Slope		X	-
Type II Laboratory		X	-
Ultrasonic - Automa	ted	X	-
Ultrasonic - Manual		X	-
Vibration Testing		X	-
Video Inspection Pro		X	-
Weapons Testing - H	Iorizontal Simulators	X	-
	Iultiple Angle Simulators	X	-
X-Ray - Film		X	-
X-Ray - Real Time		X	-